

DYNAMIC MATERIALIZATION OF DISAPPEARING ENTITIES

ABSTRACT OF THE DISCLOSURE

In various embodiments, a method, apparatus and article of manufacture display information. A first subset of information of the file is presented in a scrollable area. The first subset of information comprises, at least in part, a second subset of information. The second subset of information is designated as a materialization entity. When the file in the scrollable area is scrolled and at least a portion of the materialization entity is scrolled out of the scrollable area, the materialization entity is displayed, at least in part, in a materialization area.